

Docket No. RSW920010100US1

ABSTRACT OF THE DISCLOSURE

METHOD, APPARATUS, AND PROGRAM FOR DISTRIBUTING A  
DOCUMENT OBJECT MODEL IN A WEB SERVER CLUSTER

5 An asynchronous, peer-to-peer design is provided for  
synchronizing data on machines within a cluster using  
messaging. The data may be represented in memory as a  
document object model in secondary storage. Messaging  
may be handled by a messaging system with topic  
destinations. The design supports persistence  
10 management, locking, and transactions with rollback, and  
maintains a uniform state for the data across all nodes  
and secondary storage at all times. Furthermore, barring  
catastrophic failure of all machines in the cluster and  
secondary storage, there is no possibility of losing  
committed data.